



3628 E. US 20 Rolling Prairie, IN 46371
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**Universal Power Supply
Heated Tweezers Set
Instruction
Manual**

THE BEST WAY TO SEAL PATTERNS

Safety Concerns Regarding our Equipment

We have evaluated our equipment with regards to operator safety, fire hazards and effects as related to the power source (120VAC), which feed the equipment. Wax Connections equipment meets OSHA standards. Safety and setup instructions should be read and followed to reduce the chance of injury.

- ✓ Never connect equipment not supply by Wax Connections to the power supply
- ✓ Never modify the equipment

Power Supply Controls

- The universal power supply can be used with anyone of our hand held products.
- Multiple tools may be plugged into universal power supply at once, or a foot pedal may be used to control the ON/OFF power to a tool.
- Either socket location is OK for any type of combination.
- Power switch
 - Two position switch
 - Left (Constant Power)
 - Right (Foot Pedal Supplied Power)
- When main power is on the Red LED is illuminated.
- When a product with a foot-operated pedal is used, and the pedal is pressed the Green LED is illuminated. If constant power is used the Green LED is always illuminated.
- The Min/Max power knob should be adjusted for the tool being used.
- The Universal Power Supply is design to reduce bench space; two universal power supplies are stackable under a Wax Applicator.

Tweezers Set Operation

This product is design to insert chaplets (pinning wires) into wax patterns. The maximum recommended wire size is .020. Like any new piece of equipment a learning curve is expected. The tweezers set may require time to find the settings and techniques that work the best for your needs.

Attaching the tweezers and learning the controls

- Attach tweezers to either plug on the universal power supply.
- Rotate plug until it seats itself into mating part.
- Twist the lock to engage the threads, when the plug bottoms out you will feel a small snap this insures the plug is locked.
- Attach the foot pedal and lock the plug the same as above steps.
- Flip power switch, **Red LED** will illuminate.
 - Switch is a two position
 - Left (Constant Power)** Red and Green LED illuminate, tweezers will get power and spark in this position when held together, not recommended for tweezers use.
 - Right (Foot Pedal Supplied Power)** Red LED illuminates with switch flipped. The Green LED will illuminate when pedal is pushed or when the tweezers are closed, but they will not get hot until the pedal is pushed, with this switch position.

Controlling the heat to the chaplet

- Set the Min/Max power setting to half
 - Start at this setting you may need to adjust to suit your needs.
- Hold wire in tweezers and press foot pedal.
- The wire will heat
 - If the wire glows bright red turn power down until the wire starts to discolor from the heat.
- Release foot pedal to cut power to tweezers
 - This will start to cool the chaplet before inserting it into the pattern.
 - If the chaplet is to hot when inserting into the pattern the wax will liquefy and the pin will fall over in a pool of melted wax.
- Press wire into pattern, and let go of wire.
- If the tweezers generate a spark:
 - You may need to turn power down
 - You may not have released the pedal before you released the wire
 - This is a technique you will have to practice on

Shortened Version

- Heat wire
- Release the foot pedal
- Insert wire into pattern
- Release tweezers

Limited Warranty

Wax Connections Inc. warrants to the original purchaser that our products are free from defects in materials and workmanship for a period of 60 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accident, freight damage, repairs or alterations outside of our facility, use with other equipment, or to lack of cleaning or maintenance.

Wax Connections Inc. shall in no event be responsible or liable for death, injuries to person or property, economic loss, or for indirect, incidental, contingent, special, or consequential damages arising out of or in connection with the use of our product. Some states do not allow the exclusion or limitations of incidental or consequential damages. Accordingly, the above limitations may not apply.

To take advantage of this warranty, the product or subassembly must be returned to us with transportation charges prepaid. The date of purchase, and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair, or replace the product at our election. We will return repaired products at our expense, however if we determine that the defect resulted from causes not within the scope of our warranty, then you must bear the cost to return the product.

This warranty gives you specific legal rights. You may also have other rights, which vary from state to state.

Warrantor: Wax Connections Inc.

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